

Converting Colors

HunterLab(47.5816, 52.1337,
23.7902)

Have a look what the booklet for
HunterLab(47.5816, 52.1337,
23.7902) contains.

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Color

**HunterLab(47.5850, 52.1156,
23.8119)**

Conversions

Conversions Part 1

Format	Color
Hex	E54F42
RGB	229, 79, 66
RGB Percent	90%, 31%, 26%
CMY	0.1020, 0.6902, 0.7412
CMYK	0.00, 0.65, 0.71, 0.10
HSL	5°, 76%, 58%
HSV	5°, 71%, 90%
XYZ	36.0924, 22.6433, 7.6226
YIQ	122.3680, 93.5730, 27.7570

Conversions

Conversions Part 2

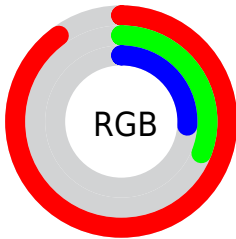
Format	Color
R_{YB}	229, 80, 66
Decimal	15028034
CIE _{Lab}	54.70, 57.31, 39.47
CIE _{LCh}	55, 69.593, 34.557
Yxy	22.6446, 0.5439, 0.3412
Android (android.graphics.Color)	4293218114 (0xFFE54F42)
YUV	122.3680, -27.7894, 93.5163
Hunter-Lab	47.5850, 52.1156, 23.8119

Details

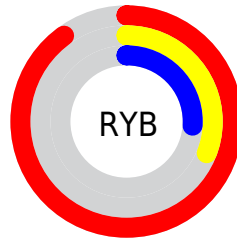
The HunterLab color **47.5850, 52.1156, 23.8119** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **74.7812, -33.1376, -13.2726**, and the grayscale version is **44.3396, -2.3659, 2.4091**.

A 20% lighter version of the original color is **63.1076, 39.4679, 24.3391**, and **28.9076, 47.9555, 17.1972** is the 20% darker color. If you saturate the color by 10%, you get **44.5566, 59.2793, 25.4391**, and if you desaturate by 10%, it is **51.4855, 43.9930, 21.6366**.

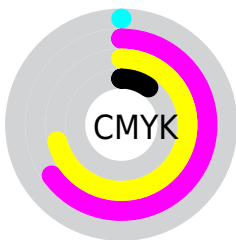
Distribution



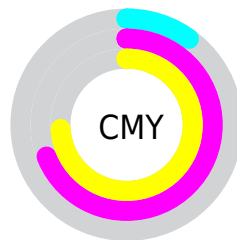
- Red (90%)
- Green (31%)
- Blue (26%)



- Red (90%)
- Yellow (31%)
- Blue (26%)



- Cyan (0%)
- Magenta (65%)
- Yellow (71%)
- Black (10%)



- Cyan (10%)
- Magenta (69%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 47.5850, 52.1156, 23.8119 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the HunterLab color 47.5850, 52.1156, 23.8119 by changing the saturation by 10% instead.

47.5850, 52.1156,
23.8119

47.5850, 52.1156,
23.8119

163.0627, 65.8007,
47.7622

37.8567, 50.1037,
20.5947

69.1442, 55.8308,
29.7509

28.8989, 48.0294,
17.1513

80.8883, 57.5341,
32.5352

20.7862, 45.9698,
13.9283

93.2310, 59.1364,
35.2266

13.6180, 44.1648,
9.5326

106.1445, 60.6422,
37.8417

7.2167, 46.5749,
5.0517

119.6047, 62.0566,
40.3934

0.0000, INF, NaN

0.0000, NaN, NaN

133.5902, 63.3847,

42.8920

0.0000, NaN, NaN

148.0819, 64.6313,
45.3460

0.0000, NaN, NaN

■ 47.5850, 52.1156,
23.8119

■ 47.5850, 52.1156,
23.8119

■ 44.5566, 59.2793,
25.4391

■ 51.4855, 43.9930,
21.6366

■ 42.4545, 64.8663,
26.3585


■ 56.1566, 35.4902,
19.1015


■ 41.3516, 68.0711,
26.6723


■ 61.4917, 26.9990,
16.3689


■ 67.3895, 18.7466,
13.5517

■ 73.7625, 10.8357,
10.7186

 80.5382, 3.2926,
7.9067

 87.6579, -3.8975,
5.1333

 95.0746, -10.7682,
2.4038

 97.6718, -13.5320,
2.5180

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



47.5864, 66.0935, 6.5833



47.5850, 52.1156, 23.8119



47.5864, 23.6270, 29.8168

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



47.5864, 52.1112, 23.8127



47.5864, -42.8944, 20.1032



47.5864, 1.9323, -85.3638

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



47.5850, 52.1156, 23.8119



74.7812, -33.1376, -13.2726

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



47.5864, -24.0481, -73.6200



47.5850, 52.1156, 23.8119



47.5864, -46.0769, -1.7819

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



47.5864, 52.1112, 23.8127



47.5864, -30.0252, 28.7410



47.5864, -40.0620, -37.9593



47.5864, 33.0688, -64.3046

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



47.5850, 52.1156, 23.8119



47.5864, 2.8195, 30.8390



47.5864, -40.0620, -37.9593



47.5864, -7.6755, -85.1891

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



47.5864, 52.1112, 23.8127



83.3715, 12.1940, 12.0917



50.6195, 76.9176, -45.2598



37.6233, 6.7705, 6.0049

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



47.5864, 52.1112, 23.8127



49.1796, 69.9567, 29.2927



64.5215, 13.2012, 35.2525



38.1468, 0.9475, 3.4656



31.3767, 51.1065, 20.2289



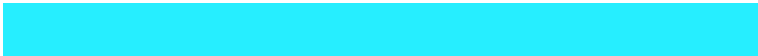
8.9004, 12.6908, 5.7065

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



74.7812, -33.1376, -13.2726



82.8325, -38.6180, -17.3536



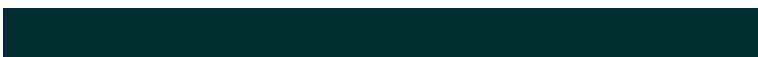
49.6011, 4.1851, -57.9709



40.1611, -4.9292, 0.8269



54.6593, -25.7448, -12.7437



15.0547, -7.2415, -3.1848

Previews

White Background



This preview shows how the HunterLab color 47.5850, 52.1156, 23.8119 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the HunterLab color 47.5850, 52.1156, 23.8119 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 47.5850, 52.1156, 23.8119 Background



This preview shows how black text looks on a background with the HunterLab color 47.5850, 52.1156, 23.8119.



This preview shows how white text looks on a background with the HunterLab color 47.5850, 52.1156,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

47.5850, 52.1156, 23.8119

Protanopia

47.6575, -4.5798, 18.8513

Deuteranopia

47.6961, 3.2682, 24.6355



Tritanopia

47.6706, 54.2682, 20.6424

Trichromacy



Original Color

47.5850, 52.1156, 23.8119

Protanomaly

45.9596, 15.0717, 19.5263

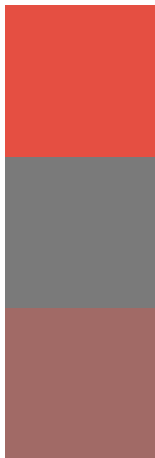
Deuteranomaly

46.4932, 21.0368, 23.5656

Tritanomaly

47.7426, 53.5223, 21.8645

Monochromacy



Original Color

47.5850, 52.1156, 23.8119

Achromatopsia

44.1155, -2.3539, 2.3969

Achromatomaly

43.4102, 15.5238, 9.8522

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 47.5850, 52.1156, 23.8119 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(229, 79, 66)` looks like.

```
.text, #text, p{  
  color:rgb(229, 79, 66)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(229, 79, 66) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 79, 66) }
```

Border

The CSS property to change the border of an element to HunterLab 47.5850, 52.1156, 23.8119 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(229, 79, 66) }
```


If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(229, 79, 66) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(229, 79, 66) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 79, 66); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 79, 66);  
box-shadow:4px 4px 4px 4px rgb(229, 79,  
66) }
```

Background

The CSS property to change the background color of an element to HunterLab 47.5850, 52.1156, 23.8119 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 79, 66) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(229, 79,  
66) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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